

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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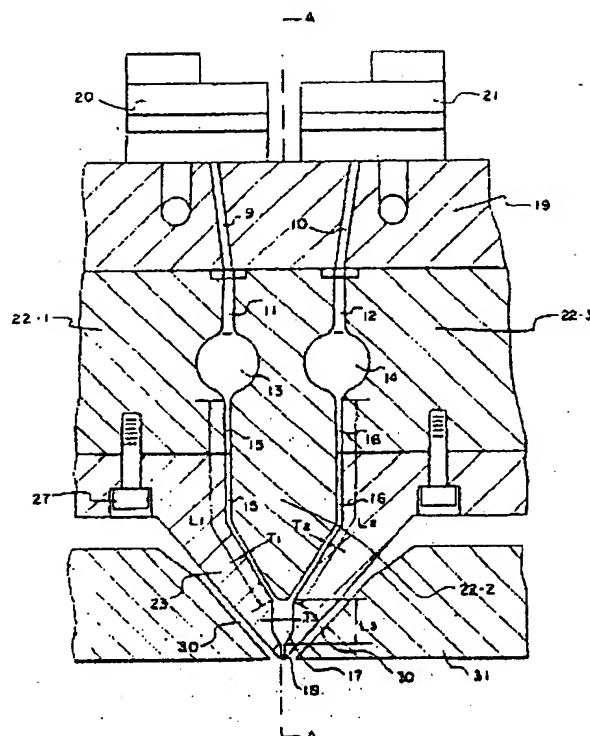
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APPLICANT : KURARAY CO LTD;

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TITLE : MELT-BLOWING SPINNING DEVICE



**ABSTRACT :** **PURPOSE:** To provide the subject spinning device for simply and profitably preparing wide, uniform non-woven fabric having good bulky touch by disposing a plurality of single resin-straightening sections, a gathered resin-straightening section and a plurality of nozzles in a melt-blowing spinneret block.

**CONSTITUTION:** A melt-blowing spinning device is provided with a spinneret 23 attached to the lower portion of a melt-blowing die main body 22 with bolts 27, the main body being dividable into portions 22-1, 22-2 and 22-3, cylindrical resin-feeding openings 11 and 12 formed in the upper portion of the main body, approximately conic manifolds 13 and 14 communicated with the resin-feeding openings, two or more of single resin-straightening sections 15 and 16, a gathered resin-straightening section 17 and a plurality of spinning nozzles 18. Raw material are measured with measuring pumps 20 and 21, respectively, in the melt-blowing spinning device, fed into the resin-feeding openings 11 and 12 through resin passageways 9 and 10, straightened with the simple resin-straightening sections 15 and 16, introduced into the gathered resin-straightening section and subsequently extruded from the spinning nozzles 18 to provide a wide, uniform fibrous non-woven fabric.

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